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 TITLE: Dentifrices containing acyl basic amino acid alkyl esters
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 Yoshida, Yonosuke; Okumura, Shinji
 PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan
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 PATENT INFORMATION:

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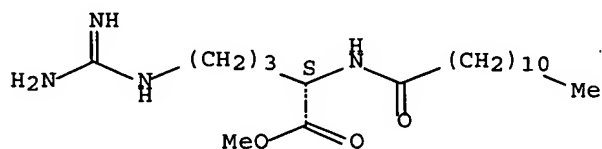
AB Dentifrices contain N α -long-chain acyl basic amino acid lower alkyl esters as antimicrobial agents as well s foaming agents. Thus, a toothpaste contains CaHPO₄·2H₂O 44.5, tragacanth gum 2.0, glycerol 18.5, N α -cocoyl-L-arginine Et ester DL-pyroglytuamic acid salt (I) 3.0, saccharin 0.4, spearmint oil 1.0, and H₂O 30.6%. The ID₅₀ (50% inhibitory concentration) of I was 21 μ g/ml for Lactobacillus fermenti.

IT 50826-10-3 61167-62-2
 RL: BIOL (Biological study)
 (dentifrice antimicrobial and foaming agents)

RN 50826-10-3 HCAPLUS

CN L-Arginine, N2-(1-oxododecyl)-, methyl ester, monohydrochloride
 (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



● HCl

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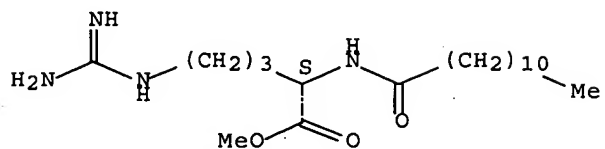
CN L-Proline, 5-oxo-, compd. with N-(1-oxododecyl)-L-arginine methyl ester
 (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 45292-97-5

CMF C19 H38 N4 O3

Absolute stereochemistry.



CM 2

CRN 98-79-3

CMF C5 H7 N O3

Absolute stereochemistry. Rotation (-).

